

In the United States Patent and Trademark Office

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Title: "Vision System Computer Modeling Apparatus"

Abstract

Vision systems for use in modeling environments or scenes are presented. Users view scenes via electronic cameras and are simultaneously presented with CAD type functionality for creating graphical representations of addressed scenes. These systems, having knowledge of position with respect to objects being addressed and with respect to positions measured at prior times, continuously update model perspective and size to reflect a present view of scenes in real time.